

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	1443	359/290-292.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:00
2	BRS	L2	15169153	@pd>="19950101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:01
3	BRS	L3	1202	1 and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:01
4	BRS	L4	9680482	@pd>="20000101"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:01
5	BRS	L5	980	1 and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:35
6	BRS	L6	0	("2004/0125432").URPN.	USPAT	2005/08/ 20 15:08
7	BRS	L7	21	("5069742" "5470797" "5490034" "5629790" "5677783" "5870007" "5903380" "5962949" "6046659" "6057520" "6074890" "6094289" "6153839" "6229683" "6236491" "6243194" "6275320" "6299462" "6303885" "6331257" "6456420").PN.	US-PGPUB; USPAT; USOCR	2005/08/ 20 15:22
8	BRS	L8	0	("6654155").URPN.	USPAT	2005/08/ 20 15:25
9	BRS	L9	980	1 and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:26

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10	BRS	L21	281	(US-6608714-\$ or US-6608712-\$ or US-6603591-\$ or US-6600591-\$ or US-6600587-\$ or US-6597491-\$ or US-6597490-\$ or US-6597488-\$ or US-6594082-\$ or US-6594060-\$ or US-6593677-\$ or US-6590697-\$ or US-6590695-\$ or US-6590692-\$ or US-6589452-\$ or US-6588944-\$ or US-6587253-\$ or US-6585379-\$ or US-6583921-\$ or US-6583920-\$ or US-6580490-\$ or US-6577431-\$ or US-6574033-\$ or US-6574032-\$ or US-6574030-\$ or US-6570700-\$).did. or (US-6567205-\$ or US-6563626-\$ or US-6563106-\$ or US-6560002-\$ or US-6560001-\$ or US-6556338-\$ or US-6556334-\$ or US-6556318-\$ or US-6552842-\$ or US-6552840-\$ or US-6552839-\$ or US-6549730-\$ or US-6549692-\$ or US-6549326-\$ or US-6549324-\$ or US-6549323-\$ or US-6545796-\$ or US-6545385-\$ or US-6542282-\$ or US-6538800-\$ or US-6538799-\$ or US-6538798-\$ or US-6538797-\$ or US-6538796-\$ or US-6535325-\$ or US-6535318-\$ or US-6532115-\$).did. or (US-6529311-\$ or US-6529310-\$ or US-6525889-\$ or US-6525864-\$ or US-6525863-\$ or US-6523961-\$ or US-6522454-\$ or US-6522453-\$ or US-6522452-\$ or US-6522448-\$ or US-6521877-\$ or US-6519075-\$ or US-6519074-\$ or US-6519073-\$ or US-6513939-\$ or US-6512625-\$ or US-6512622-\$ or US-6509998-\$ or US-6507326-\$ or US-6505939-\$ or US-6504644-\$ or US-6504643-\$ or US-6501589-\$ or US-6501588-\$ or US-6496291-\$ or US-6495893-\$ or US-6487001-\$).did. or (US-6487000-\$ or US-6486938-\$ or US-6480324-\$ or US-6480320-\$ or US-6480319-\$ or US-6477290-\$ or US-6473237-\$ or US-6473221-\$ or US-6469821-\$ or US-6466358-\$ or US-6466357-\$ or US-6466356-\$ or US-6466354-\$ or US-6464364-\$ or US-6462858-\$ or US-6459524-\$ or US-6459523-\$ or US-6457833-\$ or US-6456421-\$ or US-6456345-\$ or US-6452712-\$ or US-6449081-\$ or US-6445502-\$ or US-6445488-\$ or US-6437925-\$ or US-6437903-\$ or US-6437902-\$).did. or (US-6433933-\$ or US-6433917-\$ or US-6429976-\$ or US-6426840-\$ or US-6424450-\$ or US-6421165-\$ or US-6414783-\$ or US-6414782-\$ or US-6412972-\$ or US-6411426-\$ or US-6411425-\$ or US-6411424-\$ or US-6411423-\$ or US-	USPAT	2005/08/20 15:27

			6411270-\$ or US-6407871-\$ or US-6407851-\$ or US-6407850-\$ or US-6407849-\$ or US-6404552-\$ or US-6404534-\$ or US-6396620-\$ or US-6396619-\$ or US-6392777-\$ or US-6388815-\$ or US-6388798-\$ or US-6388616-\$ or US-6388372-\$).did. or (US-6386714-\$ or US-6384959-\$ or US-6381062-\$ or US-6381061-\$ or US-6377233-\$ or US-6373632-\$ or US-6370299-\$ or US-6369954-\$ or US-6369792-\$ or US-6359723-\$ or US-6356677-\$ or US-6356378-\$ or US-6356377-\$ or US-6351330-\$ or US-6351329-\$ or US-6351327-\$ or US-6341039-\$ or US-6339493-\$ or US-6337760-\$ or US-6337753-\$ or US-6335831-\$ or US-6335817-\$ or US-6330102-\$ or US-6327071-\$ or US-6326723-\$ or US-6323833-\$ or US-6313937-\$).did. or (US-6312134-\$ or US-6309077-\$ or US-6307663-\$ or US-6304364-\$ or US-6301000-\$ or US-6292304-\$ or US-6288830-\$ or US-6288829-\$ or US-6288828-\$ or US-6288824-\$ or US-6288821-\$ or US-6288472-\$ or US-6287485-\$ or US-6285491-\$ or US-6285490-\$ or US-6285489-\$ or US-6285488-\$ or US-6282012-\$ or US-6278542-\$ or US-6278541-\$ or US-6275326-\$ or US-6275325-\$ or US-6275324-\$ or US-6275320-\$ or US-6271955-\$ or US-6268952-\$ or US-6268948-\$).did. or (US-6266178-\$ or US-6266176-\$ or US-6259551-\$ or US-6259550-\$ or US-6256136-\$ or US-6256131-\$ or US-6252697-\$ or US-6251842-\$ or US-6249370-\$ or US-6246814-\$ or US-6243194-\$ or US-6243149-\$ or US-6236493-\$ or US-6233088-\$ or US-6233087-\$ or US-6233086-\$ or US-6229650-\$ or US-6229640-\$ or US-6226116-\$ or US-6220561-\$ or US-6219169-\$ or US-6215579-\$ or US-6215578-\$ or US-6211997-\$ or US-6204085-\$ or US-6204080-\$ or US-6201633-\$).did. or (US-6201631-\$ or US-6201629-\$ or US-6195196-\$ or US-6195195-\$ or US-6191883-\$ or US-6191882-\$ or US-6188933-\$ or US-6188519-\$ or US-6183097-\$ or US-6181460-\$ or US-6181459-\$ or US-6181458-\$ or US-6178033-\$ or US-6177980-\$ or US-6175443-\$ or US-6175442-\$ or US-6172814-\$ or US-6172797-\$ or US-6172796-\$ or US-6172795-\$ or US-6147790-\$ or US-6147789-\$ or US-6144481-\$ or US-6137623-\$ or US-6137622-\$ or US-6137621-\$ or US-6134044-\$).did. or (US-6130770-\$ or US-6128121-\$ or		
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				US-6126288-\$ or US-6124965-\$ or US-6124593-\$ or US-6123985-\$ or US-6115172-\$ or US-6108122-\$ or US-6108121-\$ or US-6108117-\$ or US-6107115-\$ or US-6104525-\$ or US-6099132-\$ or US-6094294-\$ or US-6084703-\$ or US-6084657-\$ or US-6072620-\$ or US-6071752-\$ or US-6067183-\$ or US-6057958-\$ or US-6055090-\$ or US-6053617-\$ or US-6052229-\$ or US-6052217-\$ or US-6046840-\$ or US-6043925-\$ or US-6040937-\$).did. or (US-6038057-\$ or US-6038056-\$ or US-6034807-\$ or US-6031655-\$ or US-6031653-\$ or US-6031652-\$ or US-6028690-\$ or US-6028689-\$ or US-6025953-\$ or US-6025951-\$ or US-6023365-\$ or US-6016217-\$).did.		
11	BRS	L22	463	1 not 9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:45
12	BRS	L23	304	359/295.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:45
13	BRS	L24	70	23 not 1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:46
14	BRS	L25	430	359/298.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:47

	Type	L #	Hits	Search Text	DBs	Time Stamp
15	BRS	L26	302	25 not 1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:47
16	BRS	L27	301	26 not 23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:51
17	BRS	L28	818	359/223.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:51
18	BRS	L29	699	28 not (1 or 9 or 23 or 25)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:59
19	BRS	L30	721	359/224.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:59
20	BRS	L31	349	30 not (1 or 9 or 23 or 25 or 28)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2005/08/ 20 15:59

	Document ID	1	Kind Codes	Source	Issue Date	Pages	Title
1	US 20040246558 A1	X		US-PGPUB	20041209	12	Micromirror actuator
2	US 20040240032 A1	X		US-PGPUB	20041202	23	Interferometric modulation of radiation
3	US 20020057484 A1	X		US-PGPUB	20020516	14	Optical switch
4	US 6661561 B2	X		USPAT	20031209	11	High frequency deformable mirror device
5	US 6654155 B2	X		USPAT	20031125	10	Single-crystal-silicon ribbon hinges for micro-mirror and MEMS assembly on SOI material
6	US 6456420 B1	X		USPAT	20020924	19	Microelectromechanical elevating structures
7	US 6303885 B1	X		USPAT	20011016	14	Bi-stable micro switch
8	US 6299462 B1	X		USPAT	20011009	12	Self positioning, passive MEMS mirror structures
9	US 6236491 B1	X		USPAT	20010522	20	Micromachined electrostatic actuator with air gap
10	US 6229683 B1	X		USPAT	20010508	14	High voltage micromachined electrostatic switch
11	US 6153839 A	X		USPAT	20001128	19	Micromechanical switching devices
12	US 6094289 A	X		USPAT	20000725	23	Method and apparatus for optical code reading using a MEM optical resonator having an integral photodetector
13	US 6057520 A	X		USPAT	20000502	15	Arc resistant high voltage micromachined electrostatic switch
14	US 5903380 A	X		USPAT	19990511	19	Micro-electromechanical (MEM) optical resonator and method
15	US 5870007 A	X		USPAT	19990209	14	Multi-dimensional physical actuation of microstructures
16	US 5629790 A	X		USPAT	19970513	20	Micromachined torsional scanner

	Abstract	Current OR	Current XRef
1		359/291	
2		359/291	
3		359/291	359/292; 359/295; 359/298
4		359/291	359/230; 359/298
5		359/290	359/223; 359/224; 359/231; 359/248
6		359/291	333/246; 359/298; 361/277
7		200/181	310/307
8		439/81	200/181; 438/50; 438/52; 439/82; 439/852; 439/856
9		359/291	359/230; 359/290; 359/292
10		361/233	361/207
11		200/181	
12		359/223	235/462.0 1; 359/224
13		200/181	200/512
14		359/224	359/202; 359/223
15		333/262	333/197
16		359/198	250/234; 359/199; 359/201; 359/202; 359/203; 359/214; 359/224

	Document ID	1	Kind Codes	Source	Issue Date	Pages	Title
17	US 6608714 B2	X		USPAT	20030819	8	Bi-directional, single material thermal actuator
18	US 6556318 B1	X		USPAT	20030429	10	Method and apparatus for signal and switch monitoring in an optical cross connect
19	US 6538796 B1	X		USPAT	20030325	18	MEMS device for spacecraft thermal control applications
20	US 6396620 B1	X		USPAT	20020528	16	Electrostatically actuated electromagnetic radiation shutter
21	US 6275325 B1	X		USPAT	20010814	12	Thermally activated microelectromechanical systems actuator
22	US 6233088 B1	X		USPAT	20010515	16	Methods for modulating a radiation signal
23	US 6220561 B1	X		USPAT	20010424	16	Compound floating pivot micromechanisms
24	US 6137623 A	X		USPAT	20001024	17	Modulatable reflectors and methods for using same
25	US 6071752 A	X		USPAT	20000606	11	Method of making a light reflector
26	US 6067183 A	X		USPAT	20000523	7	Light modulator with specific electrode configurations
27	US 6034807 A	X		USPAT	20000307	14	Bistable paper white direct view display
28	US 5886811 A	X		USPAT	19990323	24	Thin film actuated mirror array in an optical projection system and method for manufacturing the same
29	US 5739941 A	X		USPAT	19980414	7	Non-linear hinge for micro-mechanical device
30	US 20020135850 A1	X		US-PGPUB	20020926	19	Multistage rotatable actuator
31	US 6728017 B2	X		USPAT	20040427	13	Micromirror actuator
32	US 6864618 B2	X		USPAT	20050308	35	Method for operating a microelectromechanical system using a stiff coupling
33	US 6532093 B2	X		USPAT	20030311	14	Integrated micro-opto-electro-mechanical laser scanner

	Abstract	Current OR	Current XRef
17		359/296	359/288; 359/290
18		398/9	359/224; 359/291; 398/12
19		359/291	359/290
20		359/292	359/227; 359/230; 359/291
21		359/291	359/290
22		359/291	359/223; 359/292; 359/298; 359/846
23		248/487	359/290; 359/291
24		359/291	359/290; 359/292
25		438/52	257/659; 359/290; 438/72
26		359/254	345/108; 348/203; 359/230; 359/290; 359/291
27		359/227	345/108; 345/109; 359/230; 359/291
28		359/291	359/224; 359/295; 359/318; 359/846
29		359/224	359/290
30		359/224	359/298
31		359/224	359/298
32		310/309	359/198; 359/223; 385/18
33		359/198	359/201; 359/223; 359/224

	Document ID	1	Kind Codes	Source	Issue Date	Pages	Title
34	US 6292600 B1	X		USPAT	20010918	12	Angular-precision enhancement in free-space micromachined optical switches
35	US 5867297 A	X		USPAT	19990202	16	Apparatus and method for optical scanning with an oscillatory microelectromechanical system
36	US 20040114259 A1	X		US-PGPUB	20040617	62	Mirror device, optical switch, thin film elastic structure, and thin elastic structure producing method
37	US 6831391 B2	X		USPAT	20041214	21	Microelectromechanical system for tilting a platform
38	US 6650806 B2	X		USPAT	20031118	39	Compliant push/pull connector microstructure
39	US 6637901 B2	X		USPAT	20031028	22	Mirror assembly with elevator lifter

	Abstract	Current OR	Current XRef
34		385/18	359/198; 359/223; 359/872
35		359/198	235/462.3 2; 359/199; 359/200; 359/201; 359/202; 359/212; 359/213; 359/214; 359/223
36		359/849	359/224
37		310/309	359/224; 359/225; 385/18
38		385/18	359/224
39		359/872	359/224; 359/225; 359/871; 359/877